

PRODUCTION

Supporting Aerospace and Space
Innovation in Europe

- **3- and 5-axis CNC**
milling and turning
Tolerances up to $\pm 0,01$ mm
- **EDM technologies**
Tolerances up to $\pm 0,003$ mm
- **Assembly**
Subcomponents and final systems,
with full **CMM validation** of geometry
and dimensional accuracy

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We are ready to act as a technological and manufacturing partner for companies operating in maritime security, autonomous systems, and sensor technology. We are actively seeking participation in European programmes and calls (Horizon Europe, EDF) where we can provide reliable manufacturing and engineering support across the development and industrialisation phases of innovative projects.

MATERIALS

- Aluminum alloys
(5xxx, 6xxx, 7xxx series)
- Titanium
- Stainless and hardened steels
- Composite materials

SURFACE TREATMENTS

- Hard and decorative anodizing
- Chemical nickel plating
- Stainless steel passivation
- Microblasting
- Hard coating

APPLICATIONS AND COMPONENTS

- Structural and frame parts for aerospace and space platforms
- Components for propulsion systems, engines, avionics, and telecommunication systems
- Mechanisms for moving parts, including deployment and locking systems
- Custom enclosures and protective covers

OFFER OF SERVICES

- Flexible prototyping and small-series production
- Skilled team of technologists, designers, and CAM specialists
- Data confidentiality and controlled access to sensitive projects

CERTIFICATES

- EN ISO **9001**, EN ISO **14001**, EN ISO **45001**
- End-to-end quality control – from design to final validation
- Preparing for **AS9100** certification

MECASYS specializes in the custom manufacturing of precision mechanical components for demanding technical applications. With advanced machining equipment and deep technological expertise, we deliver complex metal and composite parts optimized for the aerospace, defense, automotive, mechanical engineering, optics, and plastic components sectors.